FCC Form 352
February 1977

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

File No.: BZ-820607AI
FACID: 25441
Call Sign: K Y W

# STANDARD BROADCAST STATION LICENSE

Subject to the provisions of the Communications Act of 1934, subsequent Acts, and Treaties, and Commission Rules made thereunder, and further subject to conditions set forth in this license, 1/ the LICENSEE

WESTINGHOUSE BROADCASTING AND CABLE, INC.

is hereby authorized to use and operate the radio transmitting apparatus hereinafter described for the purpose of broadcasting for the term ending 3 a.m. Local Time AUGUST 1, 1984

The licensee shall use and operate said apparatus only in accordance with the following terms:

1. On a frequency of 1060 kHz.
2. With nominal power of 50 kilo watts nighttime and 50 kilo watts daytime,
   with antenna input power of 52.6 kilo watts ---directional [Common Point] current 32.4 amperes
   antenna nighttime ..... [Common Point] resistance 50 ohms,
   and antenna input power of 52.6 kilo watts ---directional [Common Point] current 32.4 amperes
   antenna daytime ..... [Common Point] resistance 50 ohms
3. Hours of operation:

   Unlimited Time.

4. With the station located at: Philadelphia, Pennsylvania
5. With the main studio located at: Independence Mall East
   Philadelphia, Pennsylvania
6. Remote control point: Independence Mall East
   Philadelphia, Pennsylvania
7. Transmitter location:
   5090 Joshua Road
   Whitemarsh Township, Pennsylvania
   North Latitude: 40° 06' 12"
   West Longitude: 75° 14' 56"
8. Obstruction marking specifications in accordance with the following paragraphs of FCC Form 715: 1, 3, 4, 13 & 21.
9. Transmitter(s): Type Accepted
10. Conditions: ---

The Commission reserves the right during said license period of terminating this license or making effective any changes or modification of this license which may be necessary to comply with any decision of the Commission rendered as a result of any hearing held under the rules of the Commission prior to the commencement of this license period or any decision rendered as a result of any such hearing which has been designated but not held, prior to the commencement of this license period.

This license is issued on the licensee's representation that the statements contained in licensee application are true and that the undertakings therein contained so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such broadcasting service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequency designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

1/ This license consists of this page and pages 2, 3 & 4.

FEDERAL

FCC Form 353-A
June 1980

File No.: BZ820607AI Call Sign: KYW Date: 6-21-82

DA-1

1. DESCRIPTION OF DIRECTIONAL ANTENNA SYSTEM
No. and Type of Elements: Two (2) uniform cross section, guyed, series excited vertical steel radiators.

Height above Insulators: 465'(180°)

Overall Height: 470'

Spacing and Orientation: Spaced 420.2' (163°) on a line bearing 52° true.
Nondirectional Antenna: None used.

Ground System consists of 120-465' equally spaced, buried, copper radials plus a 48' x 48' copper ground screen about the base of each tower. Radials and ground screens are bonded to copper busses at points of intersection.

| 2. THEORETICAL SPECIFICATIONS | NE(#1) | SW(#2) |
|---|---|---|
| Phasing: | +27° | 0° |
| Field Ratio: | 1.0 | 1.14 |

| 3. OPERATING SPECIFICATIONS | | |
|---|---|---|
| Phase Indication*: | 26° | 0° |
| Antenna Base Current Ratio: | 0.881 | 1.00 |
| Antenna Monitor Sample Current Ratio: | 0.90 | 1.00 |

*As indicated by Potomac Instruments AM-19(210) antenna monitor.

EXEMPTIONS AS LISTED IN SECTION 73.68(b) OF THE RULES WILL APPLY DURING PROPER OPERATION OF APPROVED SAMPLING SYSTEM.

Field intensity measuring equipment shall be available at all times and the field intensity at each of the monitoring points shall be measured at least once every thirty days and an appropriate record kept of all measurements so made.

DESCRIPTION OF AND FIELD INTENSITY AT MONITORING POINTS:

Direction of 32° true North. Beginning at the transmitter building, proceed northeast on Joshua Road for a distance of approximately 2 miles to the intersection with Highway 73. At this intersection, Joshua Road ends and Lafayette Avenue begins. Proceed through this intersection and continue northeast on Lafayette Avenue, for a distance of approximately 0.9 mile to the intersection with Morris Road. Turn left onto Morris Road and proceed northwest approximtely 0.15 miles to the west entrance to the Germantown Academy which is on the left side of Morris Road. Turn left into the Academy driveway and proceed along the driveway through the Academy grounds nort west of the several buildings for a distance of approximately 0.15 miles and look fc a bridge across Wissahickon Creek to the right of the driveway. Walk across the bridge in the northwest direction to the southeast edge of the southeast edge of the Soccer field nearest the end of the bridge. Locate in the distance the chain link fence on the southwest side of the fenced area which is elevated and located on the northwest side of this large Athletic field. Line up with fence which runs northwes and southeast and walk toward the fence. Look to the right and locate the northwest edge of the trees just west and north of the west bridge. The exact point is where the extension of the fence line and the extension of the edge of the trees cross at the southeast edge of the Soocer field. Distance from array is 2.90 miles. The field intensity measured at this point should not exceed 37.0 mV/m.

Direction of 52° true North. Beginning at monitor point 32°, return through the Germantown Academy Property to Morris Road and trun to the right. Proceed to the southeast along Morris Road for a distance of approximately 0.15 miles to the intersection with Lafayette Ave. and turn to the left. Proceed east for a distance of about 150 feet to the intersection with Bethlehem Pike. Turn to the left and proce approximately 0.15 miles to the intersection with Pennsylvania Avenue. Turn to the right onto Pennsylvania Avenue, and proceed approximately 200 feet to the intersect with Fort Washington Ave. Turn left onto Fort Washington Avenue and proceed northe dor a distance of approximately 1.65 miles to the intersection with Susquehanna Roa Turn right onto Susquehanna Road and proceed southeast for approximately 1.6 miles the intersection with Dreshertown Road. Turn to the left and continue on Dresherto Road (crossing highway 152) for a distance of approximately 1.65 miles to the intersection with Susquehanna Road. Turn right onto Susquehanna Road and proceed southeast for approximately 1.6 miles to the intersection with Dreshertown Road (crossin highway 152)for a distance of approximately 0.8 miles to the intersection with Aide Lair Road. Turn left onto Aidenn Lair Road and proceed northwest for a distance of approximately 0.25 miles to the intersection with Airran Way. Turn right onto Airr Way and proceed northeast for a distance of approximately 0.1 mile to Ovoca Drive a turn left to the monitor point. The exact point is on the northeast side of Ovoca drive on the sidewalk directly opposite the front door of house number 1621 Ovoca Drive. The field intensity measured at this point should not exceed 26.8 mV/m.

DIRECTION OF AND FIELD INTENSITY AT MONITORING POINTS (Continued)

Direction of 72° true North. Beginning at monitor point 52° true north, return via Airran Way and Aidenn Lair Road to Dreshertown Road. Turn to the right on Dreshertown Road and southwest for a distance of approximately 0.7 miles to the intersecti with Highway 152. Turn left onto highway 152 and proceed generally south for approximately 1.55 miles to the entrance to the Lu Lu Temple Country Club. Turn right into this entrance and proceed into the paved parking arear on the right of the entrance. Locate the large tree just east of the center of the parking area. It will be noticed that the lines marking the parking spaces run toward the northwe with the tree almost on the center line of a row of parking spaces. The exact poir is at the southeast end of the westernmost parking space in line with the tree. Distance from the antenna is 4.5 miles. The field intensity measured at this poini should not exceed 20.0 mV/m.

Direction of 232° true North. Beginning at the transmitter building, proceed soutl west on Joshua Road approximately 2.5 miles to the end of Joshua Road at Cedar Gro Road. Turn left onto Cedar Grove Road and proceed approximately 0.13 mile to the intersection with Hector Street. Turn right onto Hector Street and proceed approx: materly 1.35 miles to the intersection with Fayette Street. Turn left on Fayette Street and proceed approximately 0.35 miles crossing the Schuykill River to an intersection with Several Road. Turn left at this intersection and follow highway south for approximately 0.7 miles to the intersection with Arrow Mink Road. Turn right on Arrow Mink Road and proceed for approximately 0.45 miles to the intersect with Mount Pleasant Road. Turn to the right onto Mount Pleasant Road and proceed for approximately 0.85 mile to a private driveway on the right side of Mount Pleas Road. At this drive are mail boxes numbers 1653 and 1655. Turn right into this driveway and proceed approximately 0.1 mile to a small circle and the monitor poin The exact point is in the center of the paved strip on the south side of circle approximately 20 ffet west of end of the driveway leading to Mount Pleasant Road. Distance from array is 5.00 miles. The field intensity measured at this point should not exceed 113 mV/m.